

Attorney Docket No.: 0190135
Application Serial No.: 09/557,454

REMARKS

This Amendment and Response is in response to the *Non-Final* Office Action of May 18, 2005, where the Examiner has rejected claims 1-4, 7-10 and 12, and objected to claims 5, 6 and 11. By the present amendment, claims 1, 4, 6, 8 and 12 have been amended, and claims 5 and 10-11 have been cancelled. After the present amendment, claims 1-4, 6-9 and 12 are pending in the present application. Allowance of outstanding claims 1-4, 6-9 and 12 in view of the following remarks is respectfully requested.

A. Objection to the Title

The Examiner has objected to the title of the present application for not being descriptive. By the present amendment, applicant has amended the title to read "A CMOS Imager Having a JFET Adapted to Detect Photons and Produce an Amplified Electrical Signal." Accordingly, applicant respectfully submits that the Examiner's objection to the title has been overcome.

B. Rejection of Claims 4, 8 and 10 under 35 USC §102(e)

The Examiner has rejected claims 4, 8 and 10, under 35 USC §102(e), as being anticipated by Ishida, et al. (USPN 6,046,466) ("Ishida").

Applicant respectfully disagrees; however, in order to expedite the prosecution of the present application, applicant has amended claim 4 to include the limitations of claim 5. Applicant respectfully submits that claim 4, as amended, is now in condition for allowance, based on the Examiner's statement that claim 5 would be allowable if rewritten in independent form.

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Further, applicant has amended claim 8 to include the limitations of claim 11 and its intervening claim 10. Applicant respectfully submits that claim 8, as amended, is now in condition for allowance, based on the Examiner's statement that claim 11 would be allowable if rewritten in independent form.

By the present amendment, applicant has cancelled claim 10. Accordingly, applicant respectfully submits that the Examiner's rejection of claim 10 has been rendered moot.

In addition, by the present amendment, claim 6 has been amended to include all of the limitations of claim 4. Applicant respectfully submits that claim 6, as amended, is now in condition for allowance, based on the Examiner's statement that claim 6 would be allowable if rewritten in independent form

C. Rejection of Claims 1 and 9 under 35 USC §103(a)

The Examiner has rejected claims 1 and 9, under 35 USC §103(a), as being unpatentable over Ishida in view of Abramovich (USPN 6,221,687) ("Abramovich").

Applicant respectfully disagrees; however, in order to expedite the prosecution of the present application, applicant has amended claim 1 to include the limitations similar to those of claim 11 (including limitations of its intervening claim 10). Applicant respectfully submits that claim 1, as amended, should be allowed at least for the same reason claim 8, as amended, is now in condition for allowance.

Further, applicant respectfully submits that claim 9 depends from claim 8. Accordingly, claim 9 should be allowed at least for the same reason claim 8, as amended, is now in condition for allowance.

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D. Rejection of Claim 2 under 35 USC §103(a)

The Examiner has rejected claim 2, under 35 USC §103(a), as being unpatentable over Ishida in view of Abramovich, and further in view of Reuss, et al. (USPN 5,618,688) ("Reuss").

Applicant respectfully submits that claim 2 depends from claim 1. Accordingly, claim 2 should be allowed at least for the same reason stated above in conjunction with patentability of claim 1, as amended.

E. Rejection of Claim 3 under 35 USC §103(a)

The Examiner has rejected claim 3, under 35 USC §103(a), as being unpatentable over Ishida in view of Abramovich, and further in view of Reich, et al. (USPN 5,712,498) ("Reich").

Applicant respectfully submits that claim 3 depends from claim 1. Accordingly, claim 3 should be allowed at least for the same reason stated above in conjunction with patentability of claim 1, as amended.

F. Rejection of Claims 7 and 12 under 35 USC §103(a)

The Examiner has rejected claims 7 and 12, under 35 USC §103(a), as being unpatentable over Ishida in view of Wurcer (USPN 5,124,596) ("Wurcer").

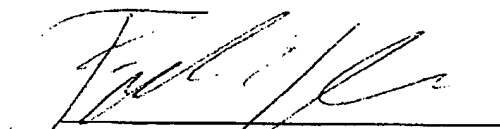
Applicant respectfully submits that claims 7 and 12 depend from claims 4 and 8, respectively. Accordingly, claims 7 and 12 should be allowed at least for the same reason claims 4 and 8, as amended, are now in condition for allowance.

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G. Conclusion

Based on the foregoing reasons, an early Notice of Allowance directed to all claims 1-4, 6-9 and 12 pending in the present application is respectfully requested.

Respectfully Submitted,
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